Index of Claims

| App | lication | /Control | No. |
|-----|----------|----------|-----|
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10/786,137

Examiner

Andrew Hwa S. Lee

Applicant(s)/Patent under Reexamination

HYUN ET AL.

Art Unit

2877

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| 1 | (Through numeral) Cancelled |
|---|-----------------------------|
| · | Postricted                  |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla   | im                  | Date     |              |  |  |                |                   |              | Claim Date |           |          |              |          |          |          |          |        | Claim Date     |          |               |          |          |          |            |  |  |              | _            |          |          |          |          |          |
|-------|---------------------|----------|--------------|--|--|----------------|-------------------|--------------|------------|-----------|----------|--------------|----------|----------|----------|----------|--------|----------------|----------|---------------|----------|----------|----------|------------|--|--|--------------|--------------|----------|----------|----------|----------|----------|
| 010   |                     | _        | Г            |  | تب   | 7316           | $\overline{\Box}$ |              |            | $\dashv$  | $\vdash$ | Cialiti Date |          |          |          |          |        |                |          | <del>-</del>  | 1        | $\vdash$ |          |            |  | -416   |              | Т            |          |          |          |          |          |
| Final | Original            | 235      |              |  |  |                |                   |              |            |           | Final    |              | Original |          |          |          |        |                |          |               |          |          | Final    | Original   |  |  |              |              |          |          | ļ        |          |          |
|       | 1                   |          | <del> </del> | -  |  |                | -                 |              | Н          | $\dashv$  | $\vdash$ | +:           | 51       | ┰        | -        |          | -      |                | _        | +             | +        | $\dashv$ |          | 101        |  |  |              |              |          |          | +        | -        |          |
|       | 2                   | V        | 1            | ,  |  |                |                   |              | Н          | ᅥ         | <b>-</b> |              | 52       | 7        | $\neg$   |          |        |                | 寸        |               | _        | $\neg$   |          | 102        |  |  |              | _            |          | _        | $\neg$   | 7        |          |
|       | 3                   | V        | 1            |  |  |                |                   |              | П          | 7         |          |              | 53       |          |          |          | $\neg$ |                | $\neg$   |               |          | $\neg$   |          | 103        | T-   |  |              |              |          | ヿ        | $\neg$   | 寸        |          |
|       | 4                   | v        | 1            |  |  |                |                   |              |            | T         |          |              | 54       | 7        |          |          |        |                | T        |               | 1        | $\neg$   |          | 104        |  |  |              |              | П        |          | $\neg$   | $\neg$   |          |
|       | 5-                  |          |              | Ī  |  |                |                   |              |            |           |          | 7            | 55       |          | T        |          |        |                |          |               |          |          |          | 105        |  |  |              |              |          |          |          |          |          |
|       | 6                   | V        | 1            |  |  |                |                   |              |            |           |          |              | 56       |          |          |          |        |                |          |               |          |          |          | 106        |  |  |              |              |          |          |          |          |          |
|       | 7                   | V        |              |  |  |                |                   |              |            |           |          |              | 57       |          |          |          |        |                |          |               |          |          |          | 107        |  |  |              |              |          |          |          |          |          |
|       | 8                   | V        | 1_           |  |  |                |                   |              |            |           |          |              | 58       |          |          |          |        |                | $\Box$   | _             |          | _        |          | 108        | L.   |  |              |              |          |          |          | _        |          |
|       | 4                   |          | <u> </u>     |  |  |                |                   | <u>L</u> .   |            | _         | <u> </u> |              | 59       |          | _        |          |        |                | _        | _             |          | _        |          | 109        | <u> </u>   |  | Щ            | _            |          | ·        |          | _        |          |
|       | 10                  | V        | 1            |  |  | <u></u>        |                   |              | Щ          | _         |          |              | 30       |          |          |          |        |                | $\perp$  | _             | _        | _        |          | 110        | $oxed{oxed}$                                     |  |              |              |          |          | _        | _        |          |
|       | 11                  | V        | _            |  |  |                |                   |              |            |           |          |              | 31       | _        | _        | _        |        |                | _        |               | _        | _        |          | 111        |  |  |              | _            |          |          | _        | _        |          |
|       | 12                  | 1        |              | _  | $ldsymbol{ldsymbol{eta}}$                        |                |                   | $\vdash$     | Щ          | _         | _        |              | 32       | _        | _        | _        | _      | $\square$      | _        | 4             |          | _        | <u> </u> | 112        | $\vdash$   | Ш  |              | _            |          | <u> </u> | _        | _        |          |
|       | 13                  | V        | 1            | <u> </u>   |  |                |                   |              |            |           | _        |              | 33       | _        |          |          |        |                | _        | _             | +        | $\dashv$ |          | 113        | ├-   | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\sqcup$ | _        | $\dashv$ |          |
|       | 14                  | V        |              |  | -  | $\vdash$       | -                 | ₩            | -          | $\dashv$  | <u> </u> |              | 34       | -        | $\dashv$ |          |        | $\vdash$       | $\dashv$ | -1            | +        |          |          | 114<br>115 | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     |          | $\vdash$ | $\dashv$ | $\dashv$ | _        |
|       | 15                  | ما       | -            | <del> </del>                                     |  |                |                   | <u> </u>     |            | $\dashv$  | <u> </u> |              | 35<br>36 |          |          |          | _      | $\vdash\vdash$ | $\dashv$ | $\dashv$      | -        | $\dashv$ |          | 116        | 1  | $\vdash$   | $\vdash$     | <del> </del> |          |          |          | -        | _        |
|       | 16<br><del>17</del> | 1        | -            |  | H  | -              | -                 | ₩            |            | $\dashv$  |          |              | 37       | $\dashv$ | -        | _        | _      | $\vdash$       |          | $\dashv$      | +        | $\dashv$ |          | 117        | -  | <del> </del>                                     |              | -            |          | $\vdash$ | $\dashv$ | $\dashv$ | _        |
|       | 18                  | -        | ╁            | ├  | _  |                | -                 | ├            |            | -         |          |              | 58       | $\dashv$ |          | -        |        | -              | $\dashv$ | $\dashv$      | +        | $\dashv$ | -        | 118        | -  | -  | ┢            |              |          |          | $\dashv$ | $\dashv$ | _        |
|       | 19                  | <u>~</u> | ┼            | ├  | $\vdash$   | H              | ⊢                 | ├            | $\vdash$   | $\dashv$  |          |              | 59       | -        |          |          | _      |                | $\dashv$ | $\dashv$      | +        | -        | -        | 119        |  | -  | <del> </del> | <del> </del> |          |          |          | $\dashv$ | _        |
|       | 20                  | H        | ╁            | $\vdash$   | $\vdash$   | ├              | 1                 | ┢            | H          | $\vdash$  | -        |              | 70       |          |          |          | -      |                | $\dashv$ | $\dashv$      | $\dashv$ | -        |          | 120        | 1  |  |              |              |          | $\dashv$ |          | -        | _        |
|       | 21                  | H        | ╁            | $\vdash$   |  |                |                   | -            |            | H         |          |              | 71       | _        | _        | $\neg$   |        |                | _        | $\dashv$      | 十        | _        |          | 121        | +-   |  |              |              |          |          | _        | -        |          |
|       | 22                  | Н        | +            | <del>                                     </del> | 1  | -              | $\vdash$          | <del> </del> | -          |           |          |              | 72       | 1        | T        | $\neg$   | _      |                | $\dashv$ | 寸             | 1        | 7        |          | 122        | <del>                                     </del> |  |              |              |          | П        |          | 寸        | _        |
|       | 23                  | 1        |              |  |  | -              |                   | T            |            |           | -        | +            | 73       |          |          |          |        |                | 一        |               | _        | 7        |          | 123        | t  |  |              |              |          |          |          |          |          |
|       | 24                  | H        | T            |  | _  | $\vdash$       |                   | Ħ            |            |           | 1        |              | 74       | 一        | 7        |          |        |                | 一        | $\neg$        |          | $\neg$   |          | 124        |  |  |              | Г            |          |          |          |          |          |
| •     | 25                  | Ħ        | 1            | Ť  |  | <del>ا</del> ⊤ | T                 | l            |            | $\exists$ |          |              | 75       | ヿ        |          |          |        | П              | 一        |               | _        | ╗        |          | 125        |  |  |              |              | Г        |          |          | $\neg$   | _        |
|       | 26                  | 1        | 1            |  |  |                |                   |              | Г          |           |          | Т            | 76       |          |          |          |        |                |          |               |          |          |          | 126        |  |  |              |              |          |          |          |          |          |
|       | 27                  | 1        | T            |  |  |                |                   | Γ            |            |           |          |              | 77       |          |          |          |        |                |          |               |          |          |          | 127        |  |  |              |              |          |          |          |          |          |
|       | 28                  |          |              |  |  |                |                   |              |            |           |          |              | 78       |          |          |          |        |                |          |               |          |          |          | 128        |  |  | L            | L            |          |          |          |          |          |
|       | 29                  | Ш        |              |  |  |                |                   |              |            |           |          |              | 79       |          | _        |          |        |                |          |               |          |          |          | 129        |  |  |              | <u> </u>     |          |          | _        | _        | _        |
|       | 30                  | Ц        |              |  | L  |                |                   |              |            |           | <u> </u> |              | 80       | _        | _        |          |        |                | _        |               |          | _        |          | 130        |  |  |              | <u> </u>     |          |          |          | _        |          |
|       | 31                  | Ц        | 1_           | <u> </u>   |  |                |                   | ļ            |            |           | $\perp$  |              | 81       | _        | _        |          |        |                |          |               | 4        | _        | <u> </u> | 131        |  |  | _            | <u> </u>     |          |          |          | _        | _        |
|       | 32                  |          | $\perp$      | <del> </del> _                                   |  |                | _                 | _            | <u> </u>   | Щ         | <u> </u> |              | 82       |          |          |          |        | <u> </u>       | _        |               | -        | $\dashv$ |          | 132        | ļ  |  | -            | -            | _        | Ш        | $\vdash$ | _        |          |
|       | 33                  | Ц        | $\perp$      | <u> </u>   | ļ  | _              | $\vdash$          | _            | $\vdash$   | Щ         | <u> </u> |              | 83       |          |          | _        |        |                | _        | _             |          | _        | -        | 133        | -  | <u> </u>   | -            | -            | -        |          |          |          | -        |
|       | 34                  | 4        | ┼            | $\vdash$   | $\vdash$   | -              | -                 | <del> </del> | ├-         | Н         | -        |              | 84       | $\dashv$ | -        | $\vdash$ | _      | -              |          |               | +        | $\dashv$ |          | 134<br>135 | -  | -  | $\vdash$     | ⊢            | _        | Н        | Н        | -        | -        |
|       | 35                  | #        | ╁            | <u> </u>   |  | ⊢              | -                 | <b>├</b> -   | -          | Н         | -        |              | 85<br>86 | $\dashv$ | -        | _        |        | -              |          |               | +        | $\dashv$ |          | 136        | ┼  | $\vdash$   | $\vdash$     | +-           |          | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$ |
|       | 36<br>37            | }-       | ╁╾           | $\vdash$   | <u> </u>   | ⊢              |                   | -            | -          | Н         | -        |              | 86<br>87 | $\dashv$ | $\dashv$ |          |        | -              |          | $\rightarrow$ | +        | $\dashv$ | _        | 137        | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | -        | -        |
|       |                     | 7        | ╀            | -  | -  | $\vdash$       | $\vdash$          | +            | ├-         | Н         | $\vdash$ |              | 88       | $\dashv$ |          |          |        |                |          | $\dashv$      | +        | $\dashv$ |          | 138        | $\vdash$   | ├  | $\vdash$     | $\vdash$     | ऻ        | $\vdash$ | Н        |          | $\vdash$ |
|       | 39                  | <b>"</b> | ╁            | +-   | -  | $\vdash$       | +-                | +            | $\vdash$   | Н         |          |              | 89       |          | -        |          | _      | -              | $\dashv$ |               | +        | $\dashv$ |          | 139        | ╁╌   | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | H        | $\dashv$ | _        |
|       | 40                  | +        | ╁╾           | $\vdash$   | <del>                                     </del> | <del>  -</del> | $\vdash$          | +            | $\vdash$   | Н         |          | -            | 90       | $\dashv$ |          |          | _      | $\vdash$       | -        | $\vdash$      | $\dashv$ | $\dashv$ | -        | 140        | T  | $\vdash$   | $\vdash$     | 一            | T        | $\vdash$ | Н        | $\dashv$ | Н        |
|       | 41                  | $\vdash$ | 1            | 1  | $\vdash$   | $\vdash$       | $\vdash$          | 1            | +-         | $\vdash$  | -        | +            | 91       |          | $\dashv$ |          |        | $\vdash$       |          | $\dashv$      | $\dashv$ | $\dashv$ |          | 141        | $\dagger$  | <del>                                     </del> |              | t            | t        | Н        | Н        | $\neg$   |          |
|       | 42                  | +        | +            | t  | t  |                | T                 | †            | $t^-$      | Н         |          |              | 92       |          |          |          | _      | $\vdash$       |          |               | $\dashv$ | $\dashv$ |          | 142        | T  |  | $\Box$       | T            | Ι.       |          | П        |          | Г        |
| -     | 43                  | Η        | $\dagger$    | $\vdash$   | t  |                | 1                 | T            | 1          | П         |          | _            | 93       |          | $\neg$   |          |        |                |          |               | $\top$   | $\neg$   |          | 143        |  |  |              | 1            |          |          |          |          | _        |
|       | 44                  | 1        | 1            | 1  | $\vdash$   | T              | T                 | 1            | T          | П         |          |              | 94       |          |          |          |        |                |          | $\Box$        | $\top$   |          |          | 144        |  |  | 1            |              |          |          |          |          |          |
|       | 45                  | $\vdash$ | †=           | T  | T T  | 1              | 1                 | $\vdash$     | 1          | П         |          | $\top$       | 95       |          |          |          |        |                |          |               |          | _1       |          | 145        |  |  |              |              |          |          |          |          |          |
|       | 46                  | Т        |              |  | Τ-   |                |                   |              | Τ          | П         |          | T            | 96       |          |          |          |        |                |          |               |          |          |          | 146        | Г  |  |              |              |          |          |          |          |          |
|       | 47                  |          |              |  |  |                |                   |              |            |           |          | T            | 97       |          |          |          |        |                |          |               | $\Box$   |          |          | 147        |  |  |              |              |          |          |          |          |          |
|       | 48                  |          |              |  |  |                |                   |              |            |           |          |              | 98       |          |          |          |        |                |          |               |          |          |          | 148        | L  | $oxedsymbol{oxedsymbol{oxed}}$                   | 匚            | 匚            |          |          |          |          |          |
|       | 49                  |          | Ι            |  |  |                |                   |              |            |           |          | Ι            | 99       |          |          |          |        |                |          |               | $\Box$   | $\Box$   |          | 149        |  | $\Box$   | <u> </u>     | $\perp$      | L        |          |          |          | L        |
|       | 50                  |          |              |  |  |                |                   |              |            | $\Box$    |          | Ŀ            | 00       |          |          |          |        | L              |          |               |          |          |          | 150        |  |  |              | L            |          |          |          |          | oxdot    |